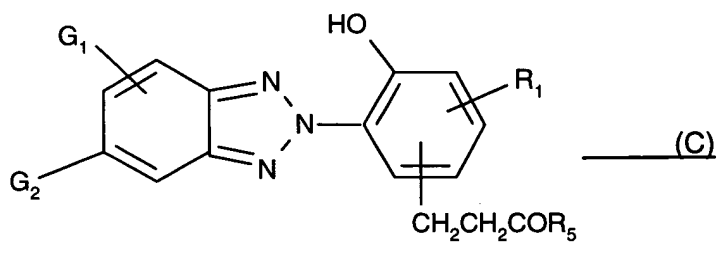
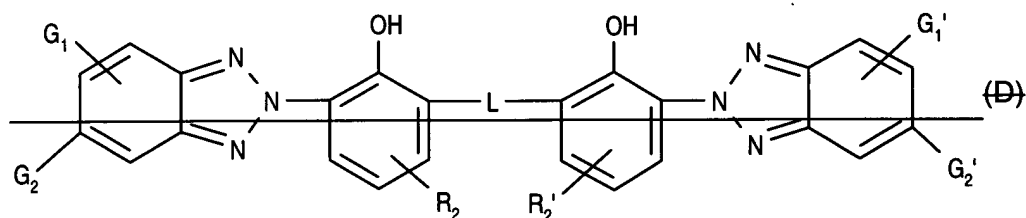
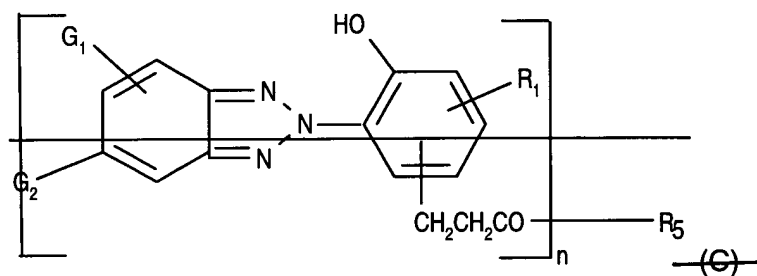
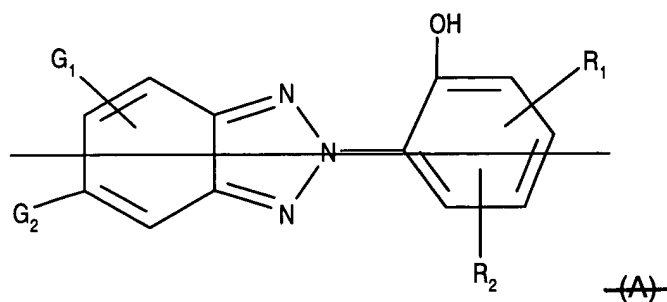


In the Claims

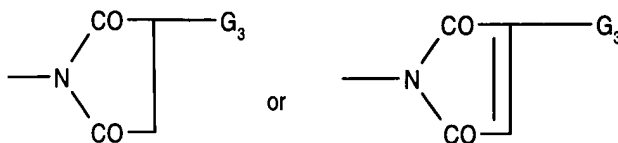
1. A compound of formula ~~[[A,]] C~~ ~~[[or D]]~~



wherein

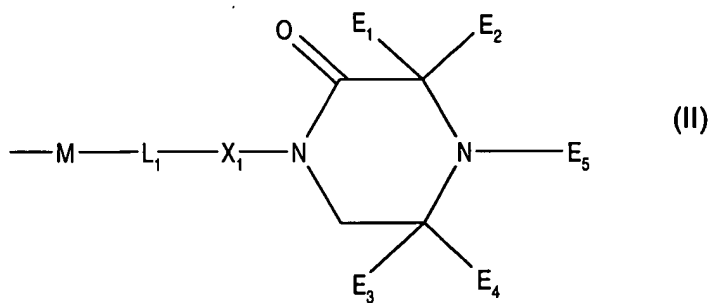
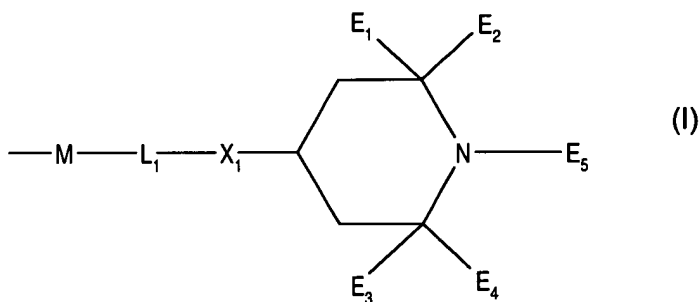
G_1 and G_1' are independently hydrogen or halogen,

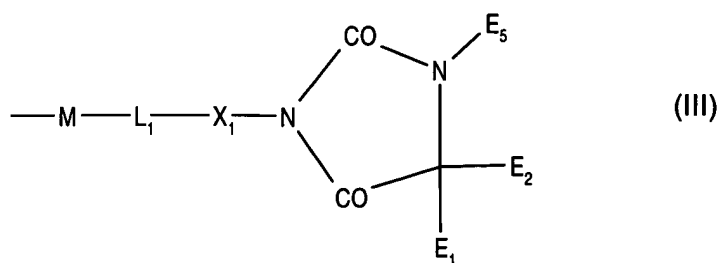
G_2 and G_2' are independently hydrogen, halogen, nitro, cyano, R_3SO- , R_3SO_2- , $-COOG_3$, perfluoroalkyl of 1 to 12 carbon atoms, $-P(O)(C_6H_5)_2$, $-CO-G_3$, $-CO-NH-G_3$, $-CO-N(G_3)_2$, $-N(G_3)-CO-G_3$, phenyl substituted by 2,2,6,6-tetramethylpiperidin-1-yloxy,



G_3 is hydrogen, straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms;

or G_3 is a group formula I, II or III





wherein

M is a direct bond, -NG₉-, -O-, -S-, -SO-, -SO₂-, -SO₂NG₉-, -CONG₉-, -COO- or -OCO-;

L₁ is a direct bond, alkylene of 1 to 18 carbon atoms, alkenylene of 3 to 18 carbon atoms, cycloalkylene of 5 to 12 carbon atoms, cycloalkenylene of 5 to 12 carbon atoms or said alkylene interrupted by 1 to 4 oxygen atoms;

X₁ is a direct bond, -COO-, -CONG₉-, -O- or -NG₉-;

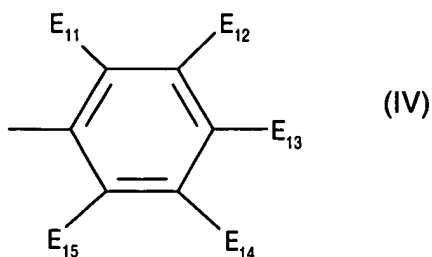
G₉ is hydrogen or alkyl of 1 to 18 carbon atoms;

E₁ to E₄ are independently alkyl of 1 to 8 carbon atoms, or E₁ and E₂ together are pentamethylene or E₃ and E₄ together are pentamethylene;

E₅ is hydrogen, oxyl, straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 3 to 24 carbon atoms, benzyl, acetyl, -CH₂CH(OH)-E₈, -OE₉, -OE₁₀(OH)_b,

E₈ is hydrogen, methyl, ethyl or phenyl,

E₉ is hydrogen, straight or branched chain alkyl of 1 to 24 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, straight or branched chain alkenyl of 3 to 24 carbon atoms, cycloalkenyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, a radical of a saturated or unsaturated bicyclic or tricyclic hydrocarbon of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms or said aryl substituted by one to three alkyl of 1 to 4 carbon atoms; or a group of formula IV

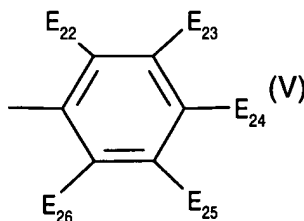


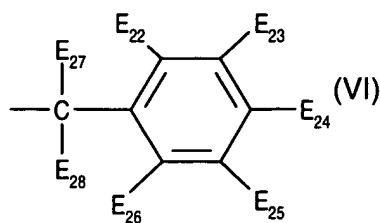
E_{10} is a straight or branched chain alkyl of 1 to 24 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, cycloalkenyl of 5 to 12 carbon atoms, straight or branched chain alkenyl of 3 to 24 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl or said phenyl substituted by one to three alkyl of 1 to 4 carbon atoms;

b is 1, 2 or 3 with the restriction that b cannot exceed the number of carbon atoms in E_{10} , and if b is 2 or 3, each hydroxyl group is attached to a different carbon atom of E_{10} ;

E_{11} to E_{15} are independently hydrogen, halogen, nitro, cyano, alkyl of 1 to 18 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms, hydroxyl, carboxyl, alkylthio of 1 to 18 carbon atoms, alkoxy or 1 to 18 carbon atoms, phenylalkoxy of 7 to 15 carbon atoms, aryloxy of 6 to 10 carbon atoms, alkylcarbonyloxy of 2 to 18 carbon atoms, alkylsulfonyl of 1 to 18 carbon atoms, arylsulfonyl of 6 to 15 carbon atoms, sulfo or phosphono, or any two vicinal substituents connected together to form a mono- or polycyclic ring;

R_1 is hydrogen, straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms; or R_1 is a group I, II, III, V or VI





where

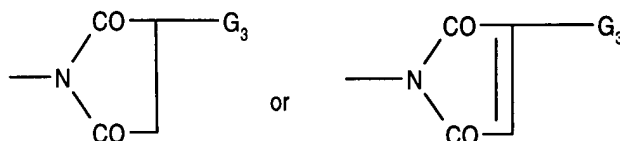
E_{27} and E_{28} are independently alkyl of 1 to 18 carbon atoms, or cycloalkyl of 5 to 12 carbon atoms;

E_{22} , E_{23} , E_{24} , E_{25} and E_{26} are independently hydrogen, halogen, straight or branched alkyl of 1 to 18 carbon atoms, alkenyl of 2 to 18 carbon atoms, said alkyl or said alkenyl substituted by one or more halogen, $-\text{OCOR}_{11}$, $-\text{OR}_4$, $-\text{NCO}$, $-\text{NHCOR}_{11}$ or $-\text{NR}_7\text{R}_8$, or mixtures thereof, where R_4 is straight or branched chain alkyl of 1 to 24 carbon atoms or straight or branched chain alkenyl of 2 to 18 carbon atoms; or said alkyl or said alkenyl interrupted by one or more $-\text{O}-$, $-\text{NH}-$ or $-\text{NR}_4-$ groups or mixtures thereof and which can be unsubstituted or substituted by one or more $-\text{OH}$, $-\text{OR}_4$ or $-\text{NH}_2$, or mixtures thereof; or

E_{22} , E_{23} , E_{24} , E_{25} and E_{26} are independently phenyl, $-\text{OH}$, $-\text{OCOR}_{11}$, $-\text{OE}_{29}$, $-\text{NCO}$, $-\text{NHCOR}_{11}$ or $-\text{NR}_7\text{R}_8$, cyano, nitro, perfluoroalkyl of 1 to 12 carbon atoms, $-\text{COG}_3$, $-\text{COOG}_3$, $-\text{CON}(\text{G}_3)_2$, $-\text{CONHG}_3$, $\text{R}_3\text{S}-$, $\text{R}_3\text{SO}-$, R_3SO_2- , $-\text{P}(\text{O})(\text{C}_6\text{H}_5)_2$, $-\text{P}(\text{O})\text{OG}_3$, $-\text{SO}_2-\text{X}_2-\text{E}_{29}$;

X_2 is $-\text{O}-$, $-\text{NH}-$ or $-\text{NR}_4-$;

E_{29} is straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, said alkyl or said alkenyl substituted by one or more $-\text{OH}$, $-\text{OCOR}_{11}$, $-\text{OR}_4$, $-\text{NCO}$, $-\text{NHCOR}_{11}$, $-\text{NR}_7\text{R}_8$, phthalimido,



or mixtures thereof, where R_4 is straight or branched chain alkyl of 1 to 24 carbon atoms or alkenyl of 2 to 18 carbon atoms; or said alkyl or said alkenyl interrupted by one or more $-\text{O}-$, $-\text{NH}-$ or $-\text{NR}_4-$

groups or mixtures thereof and which can be unsubstituted or substituted by one or more -OH, -OR₄ or -NH₂, or mixtures thereof; or E₂₉ is phenyl or phenylalkyl of 7 to 15 carbon atoms, or said phenyl or said phenylalkyl substituted by one to three alkyl groups of 1 to 4 carbon atoms;

~~R₂ and R₂' are independently straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 3 alkyl of 1 to 4 carbon atoms; or R₂ is hydroxyl or -OR₄ where R₄ is straight or branched chain alkyl of 1 to 24 carbon atoms; or said alkyl substituted by one or more -OH, -OCO-R₄₁, -OR₄, -NCO or -NH₂ groups or mixtures thereof; or said alkyl or said alkenyl interrupted by one or more -O-, -NH- or -NR₄- groups or mixtures thereof and which can be unsubstituted or substituted by one or more -OH, -OR₄ or -NH₂ groups or mixtures thereof; or R₂ and R₂' are independently -SR₃, -NHR₃ or -N(R₃)₂; or R₂ or R₂' is a group I, II, III, V or VI defined above;~~
or R₂ or R₂' is



wherein

— X is ~~O or N(R₁₆)~~,

— Y is ~~O or N(R₁₇)~~,

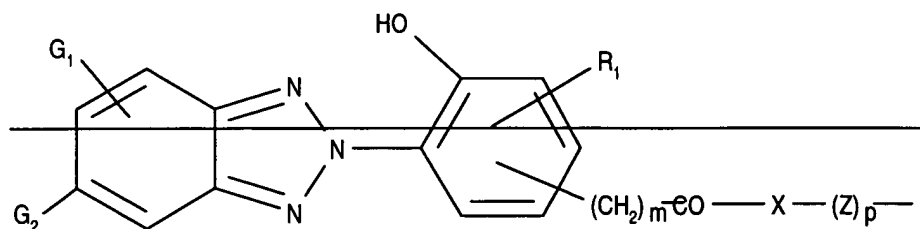
— Z is ~~C₂-C₁₂-alkylene, C₄-C₁₂-alkylene interrupted by one to three nitrogen atoms, oxygen atoms or a mixture thereof, or is C₃-C₁₂-alkylene, butenylene, butynylene, cyclohexylene or phenylene, each substituted by a hydroxyl group,~~

— m is zero, 1 or 2,

— p is 1, or p is also zero when X and Y are ~~N(R₁₆) and N(R₁₇)~~, respectively,

— R₁₆ is a group ~~CO-C(R₁₈)=C(H)R₁₉ or, when Y is N(R₁₇), forms together with R₁₇ a group CO-CH=CH-CO~~, wherein R₁₈ is hydrogen or methyl, and R₁₉ is hydrogen, methyl or ~~CO-X-R₂₀~~,

wherein R₂₀ is hydrogen, C₄-C₁₂-alkyl or a group of the formula[.]



wherein the symbols R_1 , R_2 , X , Z , m and p have the meanings defined above, and R_{16} and R_{17} independently of one another are hydrogen, C_1 - C_{12} -alkyl, C_3 - C_{12} -alkyl interrupted by 1 to 3 oxygen atoms, or is cyclohexyl or C_7 - C_{16} -aralkyl, and R_{16} together with R_{17} in the case where Z is ethylene, also forms ethylene,

n is 1 or 2,

when n is 1, R_5 is OR_6 or NR_7R_8 , or

R_5 is a group of formula I

R_5 is $PO(OR_{12})_2$, $OSi(R_{11})_3$ or $OCO-R_{11}$, a group I, II or III, or straight or branched chain C_4 - C_{24} -alkyl which is interrupted by O , S or NR_{11} and which can be unsubstituted or substituted by OH or $OCO-R_{11}$, C_5 - C_{12} -cycloalkyl which is unsubstituted or substituted by OH , straight chain or branched C_2 - C_{18} -alkenyl which is unsubstituted or substituted by OH , C_7 - C_{16} -aralkyl, $CH_2-CHOH-R_{13}$ or glycidyl,

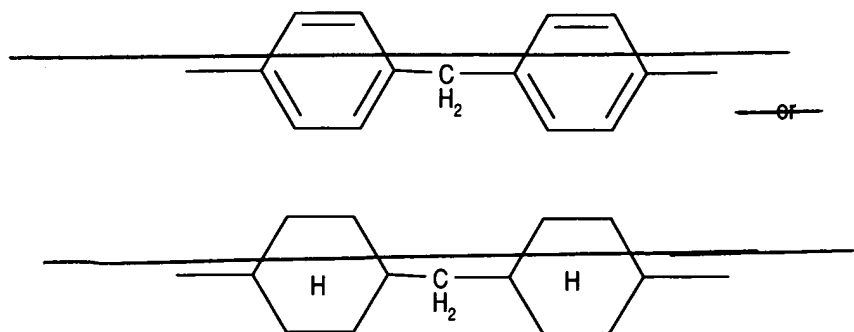
R_5 is hydrogen, straight or branched chain C_4 - C_{24} -alkyl which is unsubstituted or substituted by one or more OH , OR_4 or NH_2 groups, or OR_5 is $(OCH_2CH_2)_wOH$ or $(OCH_2CH_2)_wOR_{21}$ where w is 1 to 12 and R_{21} is alkyl of 1 to 12 carbon atoms,

R_7 and R_8 are independently hydrogen, alkyl of 1 to 18 carbon atoms, straight or branched chain C_3 - C_{18} -alkyl which is interrupted by $-O-$, $-S-$ or $-NR_{11}-$, C_5 - C_{12} -cycloalkyl, C_6 - C_{14} -aryl or C_1 - C_3 -hydroxylalkyl, or R_7 and R_8 together with the N atom are a pyrrolidine, piperidine, piperazine or morpholine ring,

when n is 2, R_5 is one of divalent radicals $O-R_9-O$ or $N(R_{11})-R_{10}-N(R_{11})$,

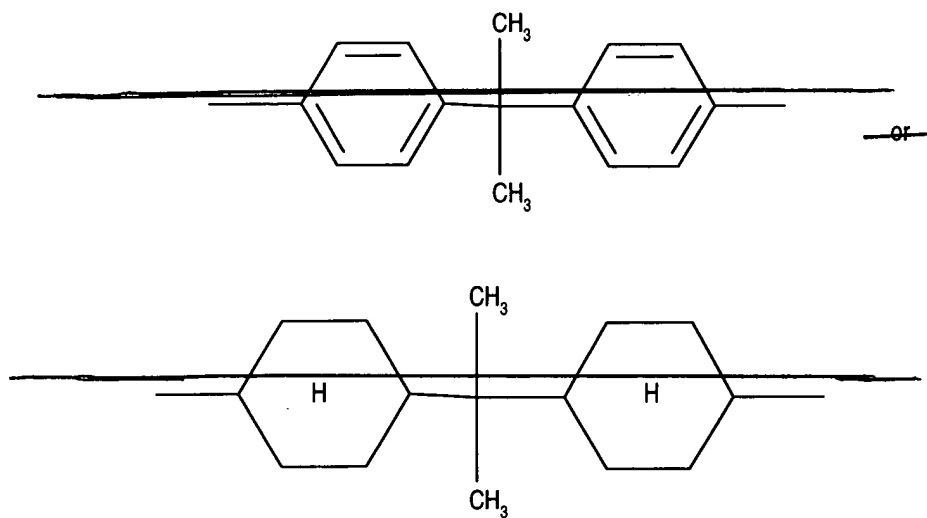
R_9 is C_2 - C_8 -alkylene, C_4 - C_8 -alkenylene, C_4 -alkynylene, cyclohexylene, straight or branched chain C_4 - C_{10} -alkylene which is interrupted by O or by $CH_2-CHOH-CH_2-O-R_{14}-O-CH_2-CHOH-CH_2$,

R_{10} being straight or branched chain C_2 - C_{12} -alkylene which may be interrupted by O , cyclohexylene, or



or R_{10} and R_{11} with the two nitrogen atoms form a piperazine ring,

R_{14} is straight or branched chain C_2 - C_8 alkylene, straight or branched chain C_4 - C_{10} alkylene which is interrupted by O, cycloalkylene, arylene or



where R_7 and R_8 are independently hydrogen, alkyl of 1 to 18 carbon atoms or R_7 and R_8 together are alkylene of 4 to 6 carbon atoms, 3-oxapentamethylene, 3-iminopentamethylene or 3-methyliminopentamethylene,

R_{11} is hydrogen, straight or branched chain C_1 - C_{18} alkyl, C_5 - C_{12} cycloalkyl, straight or branched chain C_3 - C_8 alkenyl, C_6 - C_{14} aryl or C_7 - C_{15} aralkyl,

R_{12} is straight or branched chain C_4 - C_{18} alkyl, straight or branched chain C_3 - C_{18} alkenyl, C_6 - C_{10} cycloalkyl, C_6 - C_{16} aryl or C_7 - C_{16} aralkyl,

~~———— R₄₂ is H, straight chain or branched C₄-C₁₈alkyl which is substituted by PO(OR₄₂)₂, phenyl which is unsubstituted or substituted by OH, C₂-C₁₆alkyl or CH₂OR₄₂~~

R₃ is alkyl of 1 to 20 carbon atoms, hydroxyalkyl of 2 to 20 carbon atoms, alkenyl of 3 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms or said aryl substituted by one or two alkyl of 1 to 4 carbon atoms or 1,1,2,2-tetrahydroperfluoroalkyl where the perfluoroalkyl moiety is of 6 to 16 carbon atoms, and

~~L is alkylene of 1 to 12 carbon atoms, alkylidene of 2 to 12 carbon atoms, benzylidene, p-xylylene or cycloalkylidene; and~~

~~with the proviso that at least one of G₂, G₂', G₃, R₄, R₂ or R₆ contains a hindered amine moiety, and~~

with the further proviso[[s]] that

~~(a) when G₂ of formula A is hydrogen or halogen, then E₅ of group I is not OE₉;~~

~~———— (b) when G₂ of formula A is hydrogen or halogen, then E₅ of group I is not hydrogen, oxyl, C₄-C₁₂alkyl, C₃-C₈alkenyl, benzyl, acetyl, or a group CH₂-CH(OH)-E₈;~~

(c) when G₂ is -COOG₃ and G₃ is of group I, then E₅ of group I is not hydrogen, oxyl, C₁-C₁₂alkyl, C₃-C₈alkenyl, benzyl, acetyl, or a group -CH₂-CH(OH)-E₈[[;]] and

~~———— (d) when G₂ of formula A is hydrogen, halogen or cyano, then R₄ is not a substituted or unsubstituted hydantoin-3-ylmethyl group.~~

2. A compound according to claim 1 which is

(a) 1-(2-hydroxy-2-methylpropoxy-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;

~~(b) 5-(1-methoxy-2,2,6,6-tetramethylpiperidin-4-yloxy-carbonyl)-2-(2-hydroxy-3- α -cumyl-5-tert-octylphenyl)-2H-benzotriazole;~~

(c) 1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;

- (d) 1-methoxy-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (e) 1,2,2,6,6-pentamethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- ~~(f) 2-(1,2,2,6,6-pentamethyl-4-keto-piperazin-5-yl)ethyl 3-(benzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;~~
- ~~(g) 2-(2,2,6,6-tetramethyl-4-keto-piperazin-5-yl)ethyl 3-(benzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;~~
- ~~(h) 5-[1-(2-hydroxy-2-methylpropoxy)-2,2,6,6-tetramethylpiperidin-4-yloxy]carbonyl-2-[2-hydroxy-3-(4-chloro- α,α -dimethylbenzyl)-5-tert-butylphenyl]-2H-benzotriazole;~~
- (i) 2,2,6,6-tetramethylpiperidin-4-yl 3-(benzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (j) 1,2,2,6,6-pentamethylpiperidin-4-yl 3-(benzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (k) 2,2,6,6-tetramethylpiperidin-4-yl 3-(5-phenylsulfonylbenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (l) 1,2,2,6,6-pentamethylpiperidin-4-yl 3-(5-phenylsulfonylbenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (m) 1-(2,4-dibromophenoxy)-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate;
- (n) 1-(2-nitro-4-chlorophenoxy)-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate; or
- ~~(o) 5-trifluoromethyl-2-(2-hydroxy-3-(1,5,5-trimethylhydantoin-3-ylmethyl)-5-tert-butylphenyl)-2H-benzotriazole;~~
- (p) 1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl 3-(5-chlorobenzotriazol-2-yl)-5-tert-butyl-4-hydroxyhydrocinnamate~~[[;]]~~ or
- ~~——(q) 5-[4-(2,2,6,6-tetramethylpiperidin-1-yloxy)phenyl]-2-(2-hydroxy-3- α -cumyl-5-tert-octylphenyl)-2H-benzotriazole.~~

3-25. (canceled)